

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hans Eberle and Neil C. Wilhelm

Title: SWITCHED NETWORK FOR LOW LATENCY COMMUNICATION

Application No.: 09/540,730 Filed: March 31, 2000

Examiner: Levitan, Dmitry Group Art Unit: 2662

Atty. Docket No.: 004-4255 Confirmation No.: 1940

February 8, 2005

Mail Stop Amendment
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INFORMATION DISCLOSURE STATEMENT
37 C.F.R. § 1.97(c)

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- Form(s) PTO/SB/08A (1 page(s), with copy of 3 reference(s)).
- Form(s) PTO/SB/08B (2 page(s), with copy of 17 reference(s)).
- Listing of Pending Applications (N/A page(s), with copy of no application(s)).
- Other: N/A

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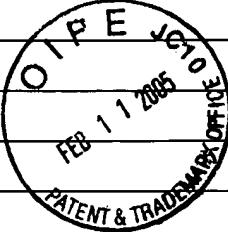
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Respectfully submitted,



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PTO/SB/08A (Substitute for form 1449/PTO)				Attorney Docket No.: 004-4255		
				Application No.: 09/540,730		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 				First Named Inventor: Hans Eberle		
(Use several sheets if necessary)				Filing Date: March 31, 2000		
				Group Art Unit: 2662		
				Examiner Name: Levitan, Dmitry		
				Date Submitted: February 8, 2005		
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AA	US-4,792,944	12-20-1988	Takahashi et al.		
	AB	US-5,566,182	10-15-1996	Gantner et al.		
	AC	US-5,577,035	11-19-1996	Hayter et al.		
	AD	US-5,838,681	11-17-1998	Bonomi et al.		
	AE	US-6,067,300	05-23-2000	Baumert et al.		
	AF	US-6,304,578 B1	10-16-2001	Fluss		
	AG	US-6,404,756 B1	06-11-2002	Whitehill et al.		
	AH	US-6,728,243 B1	04-27-2004	Jason, Jr. et al.		
		US-				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
	AI	EP 0 868 054 A2	09-30-1998	Greene et al.		
	AJ	EP 1 096 387 A1	05-02-2001	Macchi et al.		
	AK	WO 00/29956	05-25-2000	Stracovsky et al.		
Examiner Signature				Date Considered		

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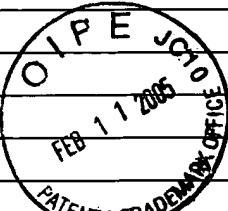
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PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-4255	
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		Examiner Name: Levitan, Dmitry	
		Date Submitted: February 8, 2005	
NON PATENT LITERATURE DOCUMENTS			
Examiner Initial*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AL	BODEN, NANETTE J., et al., "Myrinet: A Gigabit-per-Second Local Area Network," IEEE Micro, February 1995, pp. 29-36.	
	AM	MARTIN COLLIER AND TOMMY CURRAN, "Cell-Level Path Allocation in a Three-Stage ATM Switch," Communications, 1994, ICC 94, SUPERCOMM/ICC '94, Conference Record, Conference on Serving Humanity Through Communications, IEEE International, Vol. 2, May 1-5, 1994, pp. 1179-1183.	
	AN	MARTIN COLLIER AND TOMMY CURRAN, "Path Allocation in a Three-Stage Broadband Switch with Intermediate Channel Grouping," INFOCOM '93, Proceedings Twelfth Annual Joint Conference of the IEEE Computer and Communications Societies, Networking: Foundation for the Future, IEEE, Vol. 3, March 28 – April 1, 1993, pp. 927-934.	
	AO	CHUN, BRENT N., et al., "Virtual Network Transport Protocols For Myrinet," IEEE Micro, Volume 18, No. 1, January/February 1998, pp. 53-63.	
	AP	CHUN, BRENT N., et al., "Virtual Network Transport Protocols for Myrinet," Computer Science Division, University of California at Berkeley, August 20, 1997, pp. 1-14.	
	AQ	DALLY, WILLIAM J., "Virtual-Channel Flow Control," IEEE, 1990, pp. 60-68.	
	AR	KAROL, MARK J., "Input Versus Output Queueing on a Space-Division Packet Switch," IEEE Transactions on Communications, Vol. COM-35, No. 12, December 1987, pp. 1347-1356.	
	AS	KRONENBERG, NANCY P., et al., "VAXclusters: A Closely-Coupled Distributed System," ACM Transactions on Computer Systems, Vol. 4, No. 2, May 1986, pp. 130-146.	
	AT	MAINWARING, ALAN and CULLER, DAVID, "Active Message Applications Programming Interface and Communication Subsystem Organization," Draft Technical Report, Computer Science Division University of California at Berkeley, Technical Report UCB CSD-96-918, Oct. 1996, pp. 1-45.	
	AU	MAINWARING, ALAN and CULLER, DAVID "Design Challenges of Virtual Networks: Fast, General-Purpose Communication", ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (PPOPP), Atlanta, GA, May 4-6, 1999.	
	AV	PAKIN, SCOTT, et al., "Fast Messages: Efficient, Portable Communication for Workstation Clusters and MPPs", IEEE Concurrency, April-June 1997, pp. 60-73.	
	AW	SCOTT, STEVEN L., "Synchronization and Communication in the T3E Multiprocessor", Cray Research, Inc., 1996, pp. 26-36.	
	AX	SCOTT, STEVEN L. and THORSON, GREGORY M., "The Cray T3E Network: Adaptive Routing in a High Performance 3D Torus", HOT Interconnects IV, Stanford University, Aug. 15-16, 1996, pp. 1-10.	
	AY	TAMIR YUVAL and CHI, HSIN-CHOU "Symmetric Crossbar Arbiters for VLSI Communication Switches", IEEE Transactions on Parallel and Distributed Systems, Vol. 4, No. 1, 1993, pp. 13-27.	
	AZ	SUN MICROSYSTEMS, INC., "The Sun Enterprise Cluster Architecture Technical White Paper", 1997, pp. 1-74.	
Examiner Signature		Date Considered	

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NON PATENT LITERATURE DOCUMENTS		
Examiner Initial*	Cite No. ³	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	BA	IBM, "JES2 Introduction", Document No. GC28-1794-02, Third Edition, September 1997, pp. 1-51.
	BB	ANSI, "Information Technology – Scheduled Transfer Protocol (ST)", T11.1/Project 1245-D/Rev. 3.6, Jan. 31, 2000, pp. 1-97.
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